



01-04-02

A

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No.

00-0895-16/US

First Inventor

Wade C. Patterson

Title

Data Communication System and Method for Communication
Between Infrared Devices

Express Mail Label No.

EF156639401US

Only for new non-provisional applications under 37 CFR 1.53(b)

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [Total Pages **44**]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **44**]
5. Oath or Declaration [Total Pages **2**]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in prior application, see 37 C.F.R.
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☒ 37 C.F.R. 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent.
16. ☒ Other: ...Copy of Assignment

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an *Application Data Sheet* under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner: _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label



or

Correspondence address below

Name		PATENT & TRADEMARK OFFICE			
Address					
City	State	Zip Code			
County	Telephone	Fax			
Name (Print/Type)		Registration No. (Attorney/Agent)		44,651	
Signature		Date		October 23, 2001	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>FEE TRANSMITTAL</h1> <h2>for FY 2001</h2> <p><i>Patent fees are subject to annual revision.</i></p>		Complete if Known		
		Application Number		
		Filing Date	23-Oct-2001	
		First Named Inventor	Patterson, et al.	
		Examiner Name		
TOTAL AMOUNT OF PAYMENT (\$)		370.00	Attorney Docket No.	00-0895-16/US

JCS2 U.S. PTO
10/035750
10/23/01

METHOD OF PAYMENT		FEE CALCULATION (continued)			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 50-0686 Deposit Account: Lanier Ford Shaver & Payne P.C. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES			
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)					
2. EXTRA CLAIM FEES					
Total Claims	4	Extra Claims	-20**= 0	Fee from below	9.00
Independent Claims	3		-3**= 0		42.00
Multiple Dependent					
SUBTOTAL (2) (\$)					
Large Entity Fee Code (\$)		Small Entity Fee Code (\$)		Fee Description	
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (3) (\$)					
SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Ann J. Denner	Registration No. (Attorney/Agent)	44,651	Telephone	(256)535-1100
Signature		Date	October 23, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

Express Mail Label No.: EF156639401US

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor Patterson, et al.	
	Title	Data Communications System and Method for Communication Between Infrared Devices
	Atty Docket Number 00-0895-16/US	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

10-23-01
Date

Wade C. Patterson
Signature

Patterson Wade C.
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wade C. Patterson §
Thomas J. Watson §
Confirmation No.: §
Application No.: § Group/Art Unit:
Filed: 23-Oct-2001 § Examiner:
For: *Data Communications System and Method* §
for Communication Between Infrared §
Devices §

BOX NON-PROVISIONAL PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Applicant, by and through his attorney, hereby submits the following documents:

1. Utility Patent Application Transmittal;
2. Application Data Sheet;
3. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i);
4. Fee Transmittal (w/1 copy);
5. Non-Provisional Patent Application (44 pages);
6. Drawings (44 sheets);
7. Declaration;
8. Power of Attorney;
9. Statement Under 37 CFR 3.73(b);
10. Copy of Assignment;
11. Check in the amount of \$370.00; and
12. Return receipt postcard

Respectfully submitted,



Ann I. Dennen

Registration No. 44,651

LANIER FORD SHAVER & PAYNE, P.C.
Customer No. 021491
P.O. Box 2087
200 West Side Square, Suite 50001
Huntsville, AL 35804
(256) 535-1100

Express Mail Label No.: EF156639401US

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Wade C. Patterson and Thomas J. Watson

Application No./Patent No.: _____ Filed/Issue Date: 23-Oct-2001

Entitled: Data Communications System and Method for Communication Between Infrared Devices

Synapse, Inc.

(Name of Assignee)

a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10-23-01
Date

Wade C. Patterson

Typed or printed name

Wade C. Patterson

Signature

President

Title